

0523 Site Information Form (site log)
International GPS Service
See Instructions at:
ftp://igsb.jpl.nasa.gov/pub/station/general/sitelog_instr.txt

0. Form

Prepared by (full name) : Simons,Heinz
Date Prepared : 2023-07-11
Report Type : UPDATE
If Update:
Previous Site Log : 0523_20230704.log
Modified/Added Sections : 2

1. Site Identification of the GNSS Monument

Site Name : KAISERSLAUTERN
Four Character ID : 0523
Monument Inscription :
IERS DOMES Number :
CDP Number :
Monument Description : ALUMINIUM HOLDER AND ALUMINIUM PLATE
Height of the Monument : 1.8
Monument Foundation : MOUNTED AT THE EDGE OF A CHIMNEY
Foundation Depth :
Marker Description : CENTER OF ALUMINIUM PLATE (WINDING)
Date Installed : 2000-10-01T10:00Z
Geologic Characteristic : TRIAS
Bedrock Type : BROWNSTONE (TRIFELS LEVEL)
Bedrock Condition :
Fracture Spacing :
Fault zones nearby : YES
Distance/activity :
Additional Information : OWNER OF BUILDING IS LOCAL CADASTRAL OFFICE

2. Site Location Information

City or Town : KAISERSLAUTERN
State or Province : RHINELAND-PALATINATE
Country : GERMANY
Tectonic Plate : EURASIAN
Approximate Position (ITRF)
X coordinate (m) : 4117042.4180
Y coordinate (m) : 562061.9403
Z coordinate (m) : 4823052.6020
Latitude (N is +) : +492638.87
Longitude (E is +) : +0074626.42
Elevation (m,ellips.) : 307.463
Additional Information : ETRS89/DREF91/REALIZATION2016 (since 2016-12-01)

3. GNSS Receiver Information

- 3.1 Receiver Type : LEICA GRX1200GGPRO
Satellite System : GPS+GLO
Serial Number : 350165
Firmware Version : 4.00
Elevation Cutoff Setting : 0 DEG
Date Installed : 2006-08-10T10:00Z
Date Removed : 2007-08-01T09:00Z
Temperature Stabiliz. : NONE
Additional Information :
- 3.2 Receiver Type : LEICA GRX1200GGPRO
Satellite System : GPS+GLO
Serial Number : 350165
Firmware Version : 5.10
Elevation Cutoff Setting : 0 DEG
Date Installed : 2007-08-01T09:10Z
Date Removed : 2007-09-11T12:40Z
Temperature Stabiliz. : NONE
Additional Information :
- 3.3 Receiver Type : LEICA GRX1200GGPRO
Satellite System : GPS+GLO
Serial Number : 350165
Firmware Version : 5.50
Elevation Cutoff Setting : 0 DEG
Date Installed : 2007-09-11T12:50Z
Date Removed : 2009-02-06T07:40Z
Temperature Stabiliz. : NONE
Additional Information :
- 3.4 Receiver Type : LEICA GRX1200GGPRO
Satellite System : GPS+GLO
Serial Number : 350165
Firmware Version : 6.02
Elevation Cutoff Setting : 0 DEG
Date Installed : 2009-02-06T07:50Z
Date Removed : 2009-11-17T12:35Z
Temperature Stabiliz. : NONE
Additional Information :
- 3.5 Receiver Type : LEICA GRX1200GGPRO
Satellite System : GPS+GLO
Serial Number : 350165
Firmware Version : 7.53
Elevation Cutoff Setting : 0 DEG
Date Installed : 2009-11-17T13:00Z
Date Removed : 2010-06-17T08:41Z
Temperature Stabiliz. : NONE
Additional Information :
- 3.6 Receiver Type : LEICA GRX1200GGPRO
Satellite System : GPS+GLO
Serial Number : 350165

Firmware Version : 8.0
Elevation Cutoff Setting : 0 DEG
Date Installed : 2010-06-17T09:11Z
Date Removed : 2012-03-09T12:20Z
Temperature Stabiliz. : NONE
Additional Information :

3.7 Receiver Type : LEICA GRX1200GGPRO
Satellite System : GPS+GLO
Serial Number : 350165
Firmware Version : 8.51/3.019
Elevation Cutoff Setting : 0 DEG
Date Installed : 2012-03-09T12:40Z
Date Removed : 2013-10-16T12:30Z
Temperature Stabiliz. : NONE
Additional Information :

3.8 Receiver Type : LEICA GR25
Satellite System : GPS+GLO
Serial Number : 1830359
Firmware Version : 2.62/6.112
Elevation Cutoff Setting : 0 DEG
Date Installed : 2013-10-16T13:00Z
Date Removed : 2016-09-27T05:15Z
Temperature Stabiliz. : NONE
Additional Information :

3.9 Receiver Type : LEICA GR25
Satellite System : GPS+GLO
Serial Number : 1830359
Firmware Version : 4.00/6.522
Elevation Cutoff Setting : 0 DEG
Date Installed : 2016-09-27T05:25Z
Date Removed : 2016-12-08T12:45Z
Temperature Stabiliz. : NONE
Additional Information :

3.10 Receiver Type : LEICA GR25
Satellite System : GPS+GLO
Serial Number : 1830359
Firmware Version : 4.02/6.522
Elevation Cutoff Setting : 0 DEG
Date Installed : 2016-12-08T12:48Z
Date Removed : 2017-01-04T08:34Z
Temperature Stabiliz. : NONE
Additional Information :

3.11 Receiver Type : LEICA GR50
Satellite System : GPS+GLO
Serial Number : 1830356
Firmware Version : 4.02/7.001
Elevation Cutoff Setting : 0 DEG
Date Installed : 2017-01-04T08:38Z
Date Removed : 2017-05-17T12:39Z

Temperature Stabiliz. : NONE
Additional Information :

3.12 Receiver Type : LEICA GR50
Satellite System : GPS+GLO
Serial Number : 1830356
Firmware Version : 4.11 / 7.102
Elevation Cutoff Setting : 0 DEG
Date Installed : 2017-05-17T12:44Z
Date Removed : 2019-02-04T12:15Z
Temperature Stabiliz. : NONE
Additional Information :

3.13 Receiver Type : LEICA GR50
Satellite System : GPS+GLO+GAL+BDS
Serial Number : 1830356
Firmware Version : 4.31 / 7.403
Elevation Cutoff Setting : 0 DEG
Date Installed : 2019-02-04T12:30Z
Date Removed : 2022-10-04T07:10Z
Temperature Stabiliz. : NONE
Additional Information :

3.14 Receiver Type : LEICA GR50
Satellite System : GPS+GLO+GAL+BDS
Serial Number : 1830356
Firmware Version : 4.60.259 / 7.811
Elevation Cutoff Setting : 0 DEG
Date Installed : 2022-10-04T07:15Z
Date Removed :
Temperature Stabiliz. : NONE
Additional Information :

3.x Receiver Type : (A20, from rcvr_ant.tab; see instructions)
Satellite System : (GPS+GLO+GAL+BDS+QZSS+SBAS)
Serial Number : (A20, but note the first A5 is used in SINEX)
Firmware Version : (A11)
Elevation Cutoff Setting : (deg)
Date Installed : (CCYY-MM-DDThh:mmZ)
Date Removed : (CCYY-MM-DDThh:mmZ)
Temperature Stabiliz. : (none or tolerance in degrees C)
Additional Information : (multiple lines)

4. GNSS Antenna Information

4.1 Antenna Type : LEIAT303 LEIC
Serial Number : 2107
Antenna Reference Point : TOP
Marker->ARP Up Ecc. (m) : 0.1840
Marker->ARP North Ecc(m) : 0.0000
Marker->ARP East Ecc(m) : 0.0000
Alignment from True N : 0
Antenna Radome Type : LEIC

Radome Serial Number :
 Antenna Cable Type : UNKNOWN
 Antenna Cable Length : 30
 Date Installed : 2001-05-01T10:00Z
 Date Removed : 2008-02-19T09:57Z
 Additional Information : ANTENNA ABSOLUTE CALIBRATED (ROBOT) BY GEO++
 GMBH GARBSEN

4.2 Antenna Type : LEIAT504GG NONE
 Serial Number : 200262
 Antenna Reference Point : BPA
 Marker->ARP Up Ecc. (m) : 0.1910
 Marker->ARP North Ecc(m) : 0.0000
 Marker->ARP East Ecc(m) : 0.0000
 Alignment from True N : 0
 Antenna Radome Type : NONE
 Radome Serial Number :
 Antenna Cable Type : UNKNOWN
 Antenna Cable Length : 40
 Date Installed : 2008-02-19T12:31Z
 Date Removed : 2013-10-16T13:00Z
 Additional Information : ANTENNA ABSOLUTE CALIBRATED (ROBOT) BY GEO++
 GMBH GARBSEN (LEIAT504GG+DFB__NONE) GPS-WEEK 1447

4.3 Antenna Type : LEIAR25.R4 LEIT
 Serial Number : 725516
 Antenna Reference Point : BPA
 Marker->ARP Up Ecc. (m) : 0.0771
 Marker->ARP North Ecc(m) : 0.0000
 Marker->ARP East Ecc(m) : 0.0000
 Alignment from True N : 0
 Antenna Radome Type : LEIT
 Radome Serial Number :
 Antenna Cable Type : UNKNOWN
 Antenna Cable Length : 30
 Date Installed : 2013-10-16T13:00Z
 Date Removed :
 Additional Information : ANTENNA ABSOLUTE CALIBRATED BY
 ANTENNENMESSKAMMER BONN (LEIAR25R4__LEIT) GPS-WEEK 1730

4.x Antenna Type : (A20, from rcvr_ant.tab; see instructions)
 Serial Number : (A*, but note the first A5 is used in SINEX)
 Antenna Reference Point : (BPA/BCR/XXX from "antenna.gra"; see instr.)
 Marker->ARP Up Ecc. (m) : (F8.4)
 Marker->ARP North Ecc(m) : (F8.4)
 Marker->ARP East Ecc(m) : (F8.4)
 Alignment from True N : (deg; + is clockwise/east)
 Antenna Radome Type : (A4 from rcvr_ant.tab; see instructions)
 Radome Serial Number :
 Antenna Cable Type : (vendor & type number)
 Antenna Cable Length : (m)
 Date Installed : (CCYY-MM-DDThh:mmZ)
 Date Removed : (CCYY-MM-DDThh:mmZ)
 Additional Information : (multiple lines)

5. Surveyed Local Ties

5.x Tied Marker Name :
Tied Marker Usage : (SLR/VLBI/LOCAL CONTROL/FOOTPRINT/etc)
Tied Marker CDP Number : (A4)
Tied Marker DOMES Number : (A9)
Differential Components from GNSS Marker to the tied monument (ITRS)
dx (m) : (m)
dy (m) : (m)
dz (m) : (m)
Accuracy (mm) : (mm)
Survey method : (GPS CAMPAIGN/TRILATERATION/TRIANGULATION/etc)
Date Measured : (CCYY-MM-DDThh:mmZ)
Additional Information : (multiple lines)

6. Frequency Standard

6.1 Standard Type : INTERNAL
Input Frequency :
Effective Dates :
Notes :
6.x Standard Type : (INTERNAL or EXTERNAL H-MASER/CESIUM/etc)
Input Frequency : (if external)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : (multiple lines)

7. Collocation Information

7.x Instrumentation Type : (GPS/GLONASS/DORIS/PRARE/SLR/VLBI/TIME/etc)
Status : (PERMANENT/MOBILE)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : (multiple lines)

8. Meteorological Instrumentation

8.1.x Humidity Sensor Model :
Manufacturer :
Serial Number :
Data Sampling Interval : (sec)
Accuracy (% rel h) : (% rel h)
Aspiration : (UNASPIRATED/NATURAL/FAN/etc)
Height Diff to Ant : (m)
Calibration date : (CCYY-MM-DD)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : (multiple lines)
8.2.x Pressure Sensor Model :
Manufacturer :

Serial Number :
Data Sampling Interval : (sec)
Accuracy : (hPa)
Height Diff to Ant : (m)
Calibration date : (CCYY-MM-DD)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : (multiple lines)

8.3.x Temp. Sensor Model :
Manufacturer :
Serial Number :
Data Sampling Interval : (sec)
Accuracy : (deg C)
Aspiration : (UNASPIRATED/NATURAL/FAN/etc)
Height Diff to Ant : (m)
Calibration date : (CCYY-MM-DD)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : (multiple lines)

8.4.x Water Vapor Radiometer :
Manufacturer :
Serial Number :
Distance to Antenna : (m)
Height Diff to Ant : (m)
Calibration date : (CCYY-MM-DD)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : (multiple lines)

8.5.x Other Instrumentation : (multiple lines)

9. Local Ongoing Conditions Possibly Affecting Computed Position

9.1.1 Radio Interferences : UNKNOWN
Observed Degradations :
Effective Dates :
Additional Information :

9.1.x Radio Interferences : (TV/CELL PHONE ANTENNA/RADAR/etc)
Observed Degradations : (SN RATIO/DATA GAPS/etc)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Additional Information : (multiple lines)

9.2.1 Multipath Sources : UNKNOWN
Effective Dates :
Additional Information :

9.2.x Multipath Sources : (METAL ROOF/DOME/VLBI ANTENNA/etc)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Additional Information : (multiple lines)

9.3.1 Signal Obstructions : UNKNOWN
Effective Dates :
Additional Information :

9.3.x Signal Obstructions : (TREES/BUILDINGS/etc)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Additional Information : (multiple lines)

10. Local Episodic Effects Possibly Affecting Data Quality

10.x Date : (CCYY-MM-DD/CCYY-MM-DD)
Event : (TREE CLEARING/CONSTRUCTION/etc)

11. On-Site, Point of Contact Agency Information

Agency : LANDESAMT FUER VERMESSUNG UND
GEOBASISINFORMATION RHEINLAND-PFALZ

Preferred Abbreviation : LVERMGEORP
Mailing Address : VON-KUHL-STRASSE 49
: 56070 KOBLENZ

Primary Contact

Contact Name : SAPOS-Team Rh1.-Pf.
Telephone (primary) : 0049261492123
Telephone (secondary) :
Fax : 0049261492492
E-mail : sapos@vermkv.rlp.de

Secondary Contact

Contact Name : SAPOS-Team Rh1.-Pf.
Telephone (primary) : 0049261492123
Telephone (secondary) :
Fax : 0049261492365
E-mail : volker.schneider@vermkv.rlp.de

Additional Information :

12. Responsible Agency (if different from 11.)

Agency :

Preferred Abbreviation :

Mailing Address :

Primary Contact

Contact Name :

Telephone (primary) :

Telephone (secondary) :

Fax :

E-mail :

Secondary Contact

Contact Name :

Telephone (primary) :

Telephone (secondary) :

Fax :

E-mail :

Additional Information :

13. More Information

Primary Data Center : LVERMGEORP
Secondary Data Center : LGN
URL for More Information : <http://www.lvermgeo.rlp.de>
Hardcopy on File
Site Map : Y
Site Diagram : N
Horizon Mask : N
Monument Description : Y
Site Pictures : Y
Additional Information :
Antenna Graphics with Dimensions